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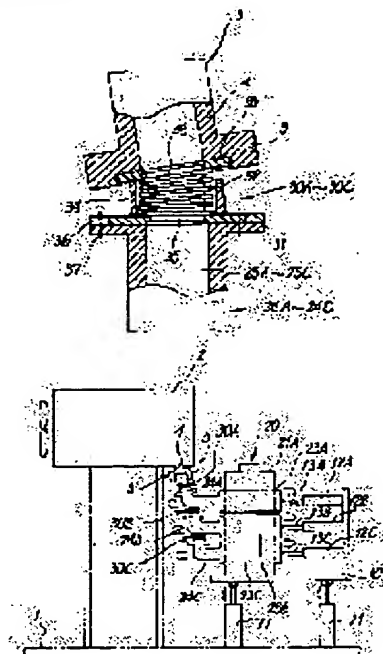
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## (54) MANIFOLD COUPLER FOR INTERNAL COMBUSTION ENGINE

## (57)Abstract:

PURPOSE: To realize a suitable coupling by providing an adapter comprising a base flange fixed to the end of a manifold, a bellows, a head flange to be coupled with the manifold, and a stopper, thereby preventing deformation of the manifold.

CONSTITUTION: An internal combustion engine 2 to be supported on a test bench has an exhaust section 3 formed by disposing a tubular flange 5 at the tip of an exhaust gas channel, i.e., a tubular body 4, in the internal combustion engine 2. A supporting plate 10 is supported movably up and down by an elevating/lowering cylinder 11 installed on the test bench 1 and a manifold 20 is installed vertically on the supporting plate 10. The manifold 20 is provided rotatably with ring bosses 23A-23C fixed with exhaust pipes 24A-24C. The adapter 30A-30C comprises a base flange 31 fixed at the tip of the exhaust pipe 24A-24C, a bellows 32, a head flange 33, and a stopper 34 for regulating the distance between the flanges 31, 33.



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